

Title (en)
METHOD FOR SELECTING A BROADCAST PROGRAMME

Publication
EP 0443436 A3 19920415 (DE)

Application
EP 91102078 A 19910214

Priority
DE 4004987 A 19900219

Abstract (en)
[origin: EP0443436A2] In RDS programme selection in known mobile receivers, the data contained in the station memory are transferred to a working memory and all alternative frequencies are briefly tuned and evaluated. If the same PI code is not identified in any of the alternative frequencies, a search run for the same programme chain is initiated. In the case of stored individual stations or programmes with few, poorly receivable alternative frequencies only, a search run of this type is often initiated in this way, even though favourable reception conditions exist a short time later. The object of the invention is therefore to indicate a selection strategy in which an unnecessary search run is suppressed. This object is achieved by assigning a rank, dependent on reception quality, to each frequency in the programme selection when the alternative frequencies contained in the station memory are checked. The reception quality is checked according to RDS quality and RF reception quality such as multipath reception, received field strength and transmitter centre. If no frequency with adequate RDS quality is found, the frequency with the highest field strength and identified RDS signal radiation is set, provided that adequate audible quality is inferred from the RF reception quality. The frequency thus set remains set for a predetermined time. A search run is initiated within the required programme chain only if no RDS identification was possible during this time.

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H04H 1/00

IPC 8 full level
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CPC (source: EP)
H04H 20/22 (2013.01); **H04H 60/37** (2013.01); **H04H 2201/13** (2013.01)

Citation (search report)
• [AD] EP 0333194 A2 19890920 - SANYO ELECTRIC CO [JP], et al
• [A] EP 0179394 A2 19860430 - BLAUPUNKT WERKE GMBH [DE]
• [A] PATENT ABSTRACTS OF JAPAN; vol. 13, no. 270 (E-776)21. Juni 1989,;& JP-A-1 060 115 (FUJITSU) 7. März 1989

Cited by
EP0599330A1; EP1569370A3; EP1195897A3; EP0905929A3; EP0588121A1; DE19630578A1; DE19630578C2; US7373123B2

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